

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/625709.app.	US-PGPU B; USPAT	OR	ON	2006/06/23 14:52
S2	1558	((369/112.05) or (369/118) or (369/112.23)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/06/21 14:24
S3	263986	first near2 (source wavelength laser medium disc)	US-PGPU B; USPAT	OR	ON	2006/06/21 15:18
S4	233495	second near2 (source wavelength laser medium disc)	US-PGPU B; USPAT	OR	ON	2006/06/21 15:18
S5	76323	S3 near10 S4	US-PGPU B; USPAT	OR	ON	2006/06/21 15:18
S6	82810	(parallel near2 ray) collimat\$3	US-PGPU B; USPAT	OR	ON	2006/06/21 15:18
S7	27581	diverg\$4 near2 (beam light ray)	US-PGPU B; USPAT	OR	ON	2006/06/21 15:19
S8	163026	(multiple plurality two three several many) near2 (wavelength frequency)	US-PGPU B; USPAT	OR	ON	2006/06/22 11:42
S9	226974	S5 or S8	US-PGPU B; USPAT	OR	ON	2006/06/21 15:19
S10	21851	diffraction adj grat\$4	US-PGPU B; USPAT	OR	ON	2006/06/21 15:19
S11	2360	(S6 or S7) near10 S10	US-PGPU B; USPAT	OR	ON	2006/06/21 15:20
S12	163	S11 same S9	US-PGPU B; USPAT	OR	ON	2006/06/21 15:20
S13	9	S12 and S2	US-PGPU B; USPAT	OR	ON	2006/06/21 15:21
S14	10652	diverg\$4 near4 lens	US-PGPU B; USPAT	OR	ON	2006/06/21 15:27
S15	155	(wavelength nm) near6 S14	US-PGPU B; USPAT	OR	ON	2006/06/21 15:27
S16	33	S2 and S15	US-PGPU B; USPAT	OR	ON	2006/06/21 15:28

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S17	51	S15 and S10	US-PGPU B; USPAT	OR	ON	2006/06/21 15:29
S18	21	S17 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/06/22 11:36
S19	792	(concave planoconcave) near6 S10	US-PGPU B; USPAT	OR	ON	2006/06/22 10:05
S20	9	S19 near4 diverg\$4	US-PGPU B; USPAT	OR	ON	2006/06/23 10:40
S21	19	S17 and "359".clas.	US-PGPU B; USPAT	OR	ON	2006/06/22 10:05
S22	38	S18 S21	US-PGPU B; USPAT	OR	ON	2006/06/22 10:05
S23	17	S21 not S18	US-PGPU B; USPAT	OR	ON	2006/06/22 10:06
S24	6	("20010008513" "20040156301" "20040213131" "6118594" "6449095" "6587272").PN. OR ("6982838").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 10:22
S25	29137	diffract\$4 near2 (grat\$4 element)	US-PGPU B; USPAT	OR	ON	2006/06/22 12:18
S26	1967995	light beam laser ray	US-PGPU B; USPAT	OR	ON	2006/06/22 12:18
S27	101944	parallel near4 S26	US-PGPU B; USPAT	OR	ON	2006/06/22 12:18
S28	32321	diverg\$4 near4 S26	US-PGPU B; USPAT	OR	ON	2006/06/22 12:18
S29	370	S25 same S27 same S28	US-PGPU B; USPAT	OR	ON	2006/06/22 12:18
S30	1559	((369/112.05) or (369/118) or (369/112.23)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/06/22 12:19
S31	26	S29 and S30	US-PGPU B; USPAT	OR	ON	2006/06/22 12:19
S32	17808	(chromatic spherical) near2 aberration	US-PGPU B; USPAT	OR	ON	2006/06/22 12:19
S33	12	S32 and S31	US-PGPU B; USPAT	OR	ON	2006/06/22 12:31

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S34	1	10/461048.app.	US-PGPU B; USPAT	OR	ON	2006/06/22 11:50
S35	0	otaki-masaru\$.in.	US-PGPU B; USPAT	OR	ON	2006/06/22 12:54
S37	13	murao-noriaki\$.in.	US-PGPU B; USPAT	OR	ON	2006/06/22 12:57
S38	40	ota-kohei\$.in.	US-PGPU B; USPAT	OR	ON	2006/06/22 12:57
S39	15	S38 and arai-norikazu\$.in.	US-PGPU B; USPAT	OR	ON	2006/06/22 12:58
S40	10	S39 and saito-shinichiro\$.in.	US-PGPU B; USPAT	OR	ON	2006/06/22 13:00
S41	1	09/487928.app.	US-PGPU B; USPAT	OR	ON	2006/06/22 13:00
S42	15	("5349471" "5526338" "5696749" "5696750" "5703856" "5717674" "5777803" "5889748" "5903536" "6084843" "6118594" "6154433" "6337841" "6363046").PN. OR ("6870805").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 15:09
S43	8	("5289451" "5815293" "5974020" "5986998" "6084843" "6195315" "6363046").PN. OR ("6728193").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 16:44
S44	395008	thick\$6 near2 (medium disc disk layer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:56
S45	245254	(first second multiple many several plural\$3) near2 (medium disc disk)	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:56
S46	52487	(first second multiple many several plural\$3) near2 wavelength	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:56

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S47	649108	S44 S45 S46	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:56
S48	130899	diffract\$3	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:56
S49	33818	diverg\$4 near4 (light beam)	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:57
S50	110932	parallel near4 (light beam)	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:57
S51	3313672	lens grating element	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 16:49
S52	38214	(S49 S50) near10 S51	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:57
S53	4784	S52 same S48	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:57
S54	2514	S53 and S47	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:57
S55	1559	((369/112.05) or (369/118) or (369/112.23)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/06/22 17:56
S56	178	S54 and S55	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/22 17:57
S57	1797	(concave planoconcave) near10 diffract\$5	US-PGPU B; USPAT	OR	ON	2006/06/22 18:00

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S58	360	S57 and S44	US-PGPU B; USPAT	OR	ON	2006/06/22 18:00
S59	35	S58 and S55	US-PGPU B; USPAT	OR	ON	2006/06/22 18:28
S60	120374	"4"?? adj (nm nanometers)	US-PGPU B; USPAT	OR	ON	2006/06/22 18:30
S61	44359	"7"?? adj (nm nanometers)	US-PGPU B; USPAT	OR	ON	2006/06/22 18:30
S62	74015	"6"?? adj (nm nanometers)	US-PGPU B; USPAT	OR	ON	2006/06/22 18:31
S63	11053	S60 and S61 and S62	US-PGPU B; USPAT	OR	ON	2006/06/22 18:31
S64	296	S48 same S52 and S63	US-PGPU B; USPAT	OR	ON	2006/06/22 18:32
S65	66	S64 and S55	US-PGPU B; USPAT	OR	ON	2006/06/22 18:32
S66	1122	(concave planoconcave) near4 diffract\$4	US-PGPU B; USPAT	OR	ON	2006/06/23 10:41
S67	727	(concave planoconcave) near4 (diffract\$4 adj (order element grat\$3))	US-PGPU B; USPAT	OR	ON	2006/06/23 10:41
S68	45	S67 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/06/23 10:41
S69	5144	first near3 diffract\$4 near3 order	US-PGPU B; USPAT	OR	ON	2006/06/23 11:15
S70	1745	second near3 diffract\$4 near3 order	US-PGPU B; USPAT	OR	ON	2006/06/23 11:16
S71	1132	S69 same S70	US-PGPU B; USPAT	OR	ON	2006/06/23 11:13
S72	1559	((369/112.05) or (369/118) or (369/112.23)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/06/23 11:13
S73	72	S71 and S72	US-PGPU B; USPAT	OR	ON	2006/06/23 11:14
S74	6319	(first 1st +1 -1) near3 diffract\$4 near3 order	US-PGPU B; USPAT	OR	ON	2006/06/23 11:15
S75	1924	(second 2nd +2 -2) near3 diffract\$4 near3 order	US-PGPU B; USPAT	OR	ON	2006/06/23 11:16

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S76	1323	S74 same S75	US-PGPU B; USPAT	OR	ON	2006/06/23 11:16
S77	80	S76 and S72	US-PGPU B; USPAT	OR	ON	2006/06/23 11:16
S78	1	("6870805").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/06/23 14:54
S79	12223	diffract\$4 near2 order\$3	US-PGPU B; USPAT	OR	ON	2006/06/23 14:54
S80	1	S78 and S79	US-PGPU B; USPAT	OR	ON	2006/06/23 14:54